Bruhath Bangalore Mahanagara Palike

Financial Bid Comparative Statement

Tender Notification No. RRND/EE/Tend/04/2022-23, Date: 07.07.2022

Indet No: BBMP/2022-23/OW/WORK_INDENT52453

Name of Work: Providing Gallery to Musical Fountain in JP Park in Ward No 17 and Drilling of Borewells, Providing Water Supply and Construction of RO Plants in Rajarajeshwari nagara Constituency under PACKAGE- 2022-23 RRN-DIV-(10)

Sl No	Item Name	Unit	Est. Qty	As per Sanctioned Estimate Rate (PWD SR 2021-22 B'lore Circle)		As per PWD SR 2021-22 and Issue Rate Dated: 07.07.2022		Rates quoted by Rajesh M (SRI NANJUNDESHWARA CONSTRUCTION)		Rates quoted by AJAY R	
				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
1	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels,	Cum	2377.08	251.90	598786.45	251.90	598786.45	267.01	634704.13	272.05	646684.61
2	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm nominal size	Cum	280.01	6327.20	1771679.27	**6109.40**	1710693.09	6706.83	1877979.47	6833.38	1913414.73
3	KSRB 2.8 Providing and filling in foundation with granite/trap broken metal of 100 MM and	Cum	167.04	2817.10	470568.38	2817.10	470568.38	2986.13	498803.16	3042.47	508214.19
4	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size	Cum	518.28	7136.77	3698845.16	**7348.97**	3808824.17	7564.98	3920777.83	7707.71	3994751.94
5	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm	Cum	114.51	7855.32	899512.69	**7485.06**	857114.22	8326.67	953486.98	8483.78	971477.65
6	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm	Cum	519.56	10354.74	5379908.71	**8165.52**	4242477.57	10976.02	5702700.95	11183.12	5810301.83
7	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation /	Tonne	197.34	103724.50	20468992.83	**92472.60**	18248542.88	109947.97	21697132.40	112022.46	22106512.26
8	Earth work excavation by manual means for drains,canals, waste weir draft, approach channels,	Cum	249.61	251.90	62876.76	251.90	62876.76	267.01	66648.37	272.05	67906.40

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9	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 40 mm nominal size	Cum	50.45	6327.20	319207.24	**6109.40**	308219.23	6706.83	338359.57	6833.38	344744.02
10	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm	Cum	39.37	7120.91	280350.23	**7088.05**	279056.53	7548.16	297171.06	7690.58	302778.13
11	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm	Cum	9.72	7855.32	76353.71	**7569.76**	73578.07	8326.85	80936.98	8483.96	82464.09
12	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm	Cum	43.25	8569.44	370628.28	**8257.92**	357155.04	9083.61	392866.13	9255.00	400278.75
13	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation /	Cum	11.54	103724.50	1196980.73	**92472.60**	1067133.80	109943.73	1268750.64	112018.14	1292689.34
14	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1	Cum	93.62	5964.20	558368.40	**5887.20**	551159.66	6322.05	591870.32	6441.34	603038.25
15	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm	Sqm	578.25	1322.20	764562.15	**1315.60**	760745.70	1401.53	810434.72	1427.98	825729.44
16	Providing 20 mm cement plaster of mix :1:4 (1 cement: 4 fine sand) to brick/stone masonary	Sqm	1424.43	337.70	481030.01	**328.90**	468495.03	357.96	509888.96	364.72	519518.11
17	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick	Sqm	114.84	239.80	27538.63	**234.30**	26907.01	254.19	29191.18	258.98	29741.26
18	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat	Sqm	1539.27	149.60	230274.79	149.60	230274.79	158.58	244097.44	161.57	248699.85
19	Providing and laying water proofing treatment to the Roof with PU based single component	Sqm	128.34	819.50	105174.63	819.50	105174.63	868.67	111485.11	885.06	113588.60
20	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the	Sqm	384.93	1125.30	433161.73	**1113.20**	428504.08	1192.82	459152.20	1215.32	467813.13

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21	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths,	Sqm	58.50	2761.00	161518.50	2761.00	161518.50	2926.66	171209.61	2981.88	174439.98
22	Supplying heavy gauge PVC conduit pipe..... dia confirming to IS 2509 with suitable size	m	600.00	80.00	48000.00	80.00	48000.00	84.80	50880.00	86.40	51840.00
23	Supplying..... mm dia 2mm/2.5mm thick heavy gauge PVC conduit pipe with suitable	m	600.00	70.00	42000.00	70.00	42000.00	74.20	44520.00	75.60	45360.00
24	Groove cutting in the wall supplying.....dia 2mm/2.5mm thick heavy gauge PVC Conduit	m	456.00	80.00	36480.00	80.00	36480.00	84.80	38668.80	86.40	39398.40
25	Supplying and fixing sheet metal box made out of 18 SWG sheet metal with necessary holes for	each	36.00	131.00	4716.00	131.00	4716.00	138.86	4998.96	141.48	5093.28
26	d)180x90x65mm	each	36.00	155.00	5580.00	155.00	5580.00	164.30	5914.80	167.40	6026.40
27	e)200x90x65mm	each	36.00	169.00	6084.00	169.00	6084.00	179.14	6449.04	182.52	6570.72
28	Supplying and fixing PVC/metal conduit accessories.(3/5) (ELE SR 2021-22 Page-1, Item-1.5) 1.	each	60.00	51.00	3060.00	51.00	3060.00	54.06	3243.60	55.08	3304.80
29	2. Deep junction box c) 32mm deep junction box	each	60.00	69.00	4140.00	69.00	4140.00	73.14	4388.40	74.52	4471.20
30	Supplying and flush mounting teak wooden box without front plank, made of not less than	m	12.00	112.00	1344.00	112.00	1344.00	118.72	1424.64	120.96	1451.52
31	b)12"x9"x3" (300x228x76)	m	12.00	105.00	1260.00	105.00	1260.00	111.30	1335.60	113.40	1360.80
32	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using	each	120.00	276.00	33120.00	276.00	33120.00	292.56	35107.20	298.08	35769.60

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33	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch (Each point)	each	120.00	386.00	46320.00	386.00	46320.00	409.16	49099.20	416.88	50025.60
34	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using	each	120.00	251.00	30120.00	251.00	30120.00	266.06	31927.20	271.08	32529.60
35	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box	each	120.00	361.00	43320.00	361.00	43320.00	382.66	45919.20	389.88	46785.60
36	Supplying and fixing superior quality modular switch mounting polycarbonate plate with	each	108.00	244.00	26352.00	244.00	26352.00	258.64	27933.12	263.52	28460.16
37	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator/dimmer/telephone	each	60.00	88.00	5280.00	88.00	5280.00	93.28	5596.80	95.04	5702.40
38	i) 32Amps DP switch	each	24.00	375.00	9000.00	375.00	9000.00	397.50	9540.00	405.00	9720.00
39	j) 6/16Amps universal socket	each	180.00	249.00	44820.00	249.00	44820.00	263.94	47509.20	268.92	48405.60
40	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to	each	24.00	747.00	17928.00	747.00	17928.00	791.82	19003.68	806.76	19362.24
41	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade,	m	1800.00	18.00	32400.00	18.00	32400.00	19.08	34344.00	19.44	34992.00
42	b. 1.5 sqmm	m	1800.00	26.00	46800.00	26.00	46800.00	27.56	49608.00	28.08	50544.00
43	C.6 sqmm	m	2400.00	87.00	208800.00	87.00	208800.00	92.22	221328.00	93.96	225504.00
44	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials	m	240.00	27.00	6480.00	27.00	6480.00	28.62	6868.80	29.16	6998.40

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45	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted wooden	Nos	180.00	25.00	4500.00	25.00	4500.00	26.50	4770.00	27.00	4860.00
46	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm	Nos	120.00	12.00	1440.00	12.00	1440.00	12.72	1526.40	12.96	1555.20
47	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using	Nos	120.00	8.00	960.00	8.00	960.00	8.48	1017.60	8.64	1036.80
48	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type	each	48.00	310.00	14880.00	310.00	14880.00	328.60	15772.80	334.80	16070.40
49	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg	each	48.00	172.00	8256.00	172.00	8256.00	182.32	8751.36	185.76	8916.48
50	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701	Ltr	24000.00	8.80	211200.00	8.80	211200.00	9.33	223920.00	9.50	228000.00
51	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot &	mtr	216.00	347.60	75081.60	347.60	75081.60	368.46	79587.36	375.41	81088.56
52	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot &	mtr	180.00	432.30	77814.00	432.30	77814.00	458.24	82483.20	466.88	84038.40
53	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick	Each	24.00	2528.90	60693.60	2528.90	60693.60	2680.63	64335.12	2731.21	65549.04
54	Raw water Feed pump with starter,Type-Horizontal ,Centrifugal.Make-	Nos	24.00	24500.00	588000.00	24500.00	588000.00	25970.00	623280.00	26460.00	635040.00
55	Multi graded sand filter,type-verticle,Floor Mounted,Make-pentair/structural/ION	Nos	24.00	33000.00	792000.00	33000.00	792000.00	34980.00	839520.00	35640.00	855360.00
56	Activated carbon Filter type-Verticle,Floor Mounted,Make-pentair/Structural/ION	Nos	12.00	62500.00	750000.00	62500.00	750000.00	66250.00	795000.00	67500.00	810000.00

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57	Water Softner,type-Verticle,Floor Mounted,Make-pentair/Structural/ION	Nos	12.00	62000.00	744000.00	62000.00	744000.00	65720.00	788640.00	66960.00	803520.00
58	Antiscalant Dosing System,Equipment Required-Electronic Dosing Pump with	Nos	12.00	85000.00	1020000.00	85000.00	1020000.00	90100.00	1081200.00	91800.00	1101600.00
59	Accessories for Dosing System,Solution Tank-One No,Volume-100Litres,Material of	Nos	12.00	42000.00	504000.00	42000.00	504000.00	44520.00	534240.00	45360.00	544320.00
60	Reverse Osmosis System,Type-Horizontal Skid,Floor Mounted,Permeate water-	Nos	12.00	89000.00	1068000.00	89000.00	1068000.00	94340.00	1132080.00	96120.00	1153440.00
61	Pressure Vessel,Material of Construction-FRP,Make-Advance Composite/Code Line.	Nos	12.00	85000.00	1020000.00	85000.00	1020000.00	90100.00	1081200.00	91800.00	1101600.00
62	Membrane, Type-Brackish water . Nos required-Three.Make-TORAY JAPAN	Nos	12.00	88000.00	1056000.00	88000.00	1056000.00	93280.00	1119360.00	95040.00	1140480.00
63	High pressure pump,Type-verticle,multistage,Make-GRUNDFOS,MOTOR-7.5 HP	Nos	12.00	55000.00	660000.00	55000.00	660000.00	58300.00	699600.00	59400.00	712800.00
64	Micron Filter,Type - JUMBO,Material of construction of housing-poly propelene	Nos	12.00	78000.00	936000.00	78000.00	936000.00	82680.00	992160.00	84240.00	1010880.00
65	Instruction, Wet panel -Ms powder coated., Mounted on R.O> skid, Low pressure switch-	Nos	12.00	86000.00	1032000.00	86000.00	1032000.00	91160.00	1093920.00	92880.00	1114560.00
66	pH correction dosing System, Equipment Required-Electronic Dosing Pump with solution Tank,	Nos	12.00	83000.00	996000.00	83000.00	996000.00	87980.00	1055760.00	89640.00	1075680.00
67	Solution Tank with level switch, Solution Tank-one No, Volume-100 Liters. Material of	Nos	12.00	15000.00	180000.00	15000.00	180000.00	15900.00	190800.00	16200.00	194400.00
68	Inter-connecting pipe work ,Raw water tank to feed pump suction and feed pump delivery to R.O.	Nos	12.00	78000.00	936000.00	78000.00	936000.00	82680.00	992160.00	84240.00	1010880.00

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69	Ultra violet system, Model-UVS-20,Make-Ion Exchange (I) Ltd.,/ASIA LMI/Zeolite,ALFA	Nos	12.00	74500.00	894000.00	74500.00	894000.00	78970.00	947640.00	80460.00	965520.00
70	RO water strong tank, 2000 ltrs SS tank, to store RO water with required nozzles	Nos	12.00	80000.00	960000.00	80000.00	960000.00	84800.00	1017600.00	86400.00	1036800.00
71	Wending Machine ,Digital Swiping Card Type	Nos	12.00	35000.00	420000.00	35000.00	420000.00	37100.00	445200.00	37800.00	453600.00
72	Geophysical investigation at site for sinking borewells for supplying drinking water to the	No	12.00	5141.00	61692.00	5141.00	61692.00	5449.46	65393.52	5552.28	66627.36
73	Sinking of Borewell of 165mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above	Rmt	600.00	347.00	208200.00	347.00	208200.00	367.82	220692.00	374.76	224856.00
74	50 to 100 m	Rmt	600.00	442.00	265200.00	442.00	265200.00	468.52	281112.00	477.36	286416.00
75	100 to 150 m	Rmt	600.00	456.00	273600.00	456.00	273600.00	483.36	290016.00	492.48	295488.00
76	150 to 200 m	Rmt	600.00	536.00	321600.00	536.00	321600.00	568.16	340896.00	578.88	347328.00
77	200 to 250 m	Rmt	600.00	634.00	380400.00	634.00	380400.00	672.04	403224.00	684.72	410832.00
78	250 to 300 m	Rmt	600.00	700.00	420000.00	700.00	420000.00	742.00	445200.00	756.00	453600.00
79	300 to 350 m	Rmt	600.00	825.00	495000.00	825.00	495000.00	874.50	524700.00	891.00	534600.00
80	350 to 400 m	Rmt	600.00	900.00	540000.00	900.00	540000.00	954.00	572400.00	972.00	583200.00

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81	400 to 420 m	Rmt	240.00	1129.00	270960.00	1129.00	270960.00	1196.74	287217.60	1219.32	292636.80
82	Providing and fixing 250mm dia PVC (casing pipe)	Rmt	144.00	2600.00	374400.00	2600.00	374400.00	2756.00	396864.00	2808.00	404352.00
83	Supply of ISI mark 175mm nominal bore,plain and steel casing pipe grade of steel Fe 410	Rmt	600.00	1933.00	1159800.00	1933.00	1159800.00	2048.98	1229388.00	2087.64	1252584.00
84	Providing and fixing MS casing collars as per IS 1239 (part-II) 1982 with all latest amendments	Each	100.00	150.00	15000.00	150.00	15000.00	159.00	15900.00	162.00	16200.00
85	Providing 175mm dia Bore Cap CE (M)	No	12.00	100.00	1200.00	100.00	1200.00	106.00	1272.00	108.00	1296.00
86	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5	No	12.00	49955.00	599460.00	49955.00	599460.00	52952.30	635427.60	53951.40	647416.80
87	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings	Rmt	4185.00	411.28	1721206.80	411.28	1721206.80	435.96	1824492.60	444.18	1858893.30
88	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with	Rmt	8310.00	126.70	1052877.00	126.70	1052877.00	134.30	1116033.00	136.84	1137140.40
89	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved	No	12.00	1345.14	16141.68	1345.14	16141.68	1425.85	17110.20	1452.75	17433.00
90	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making	No	12.00	597.30	7167.60	597.30	7167.60	633.14	7597.68	645.08	7740.96
91	Spplying and fixing 50mm GI Elbow.	No	12.00	111.80	1341.60	111.80	1341.60	118.51	1422.12	120.74	1448.88
92	Spplying and fixing 50mm GI Nipple	No	12.00	104.30	1251.60	104.30	1251.60	110.56	1326.72	112.64	1351.68

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105	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall	No	300.00	11.88	3564.00	11.88	3564.00	12.59	3777.00	12.83	3849.00
106	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm	Rmt	24.00	335.00	8040.00	335.00	8040.00	355.10	8522.40	361.80	8683.20
107	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with	No	12.00	270.00	3240.00	270.00	3240.00	286.20	3434.40	291.60	3499.20
108	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring	No	36.00	372.00	13392.00	372.00	13392.00	394.32	14195.52	401.76	14463.36
109	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking	Cum	78.16	464.20	36281.87	464.20	36281.87	492.05	38458.63	501.34	39184.73
110	Earth work excavation for pipeline trenches in all kinds of by mechanical means above 600	Cum	216.00	376.20	81259.20	376.20	81259.20	398.77	86134.32	406.30	87760.80
111	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778,	Mtr	1326.00	772.20	1023937.20	772.20	1023937.20	818.53	1085370.78	833.98	1105857.48
112	Making connection of G.I. distribution branch with G.I. main of following sizes by providing	Each	132.60	518.10	68700.06	518.10	68700.06	549.19	72822.59	559.55	74196.33
113	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778	Mtr	120.00	236.50	28380.00	236.50	28380.00	250.69	30082.80	255.42	30650.40
114	Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00	Mtr	1500.00	136.74	205110.00	136.74	205110.00	144.94	217410.00	147.68	221520.00
115	Refilling available earth around trenches/pipelines, cables in layers not exceeding 20 cms in	Cum	151.20	134.20	20291.04	134.20	20291.04	142.25	21508.20	144.94	21914.93
116	Loading and unloading of stone boulder/stone aggregates/sand/kanker/	Cum	142.96	97.96	14004.36	97.96	14004.36	103.84	14844.97	105.80	15125.17

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				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
93	Spplying and fixing 50mm GI Hose colleres	No	696.00	103.00	71688.00	103.00	71688.00	109.18	75989.28	111.24	77423.04
94	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank	No	12.00	302.00	3624.00	302.00	3624.00	320.12	3841.44	326.16	3913.92
95	Supplying and fixing miniature circuit breakers on existing MCB distribution board using	No	12.00	1777.00	21324.00	1777.00	21324.00	1883.62	22603.44	1919.16	23029.92
96	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG	No	12.00	1944.00	23328.00	1944.00	23328.00	2060.64	24727.68	2099.52	25194.24
97	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V	No	12.00	464.00	5568.00	464.00	5568.00	491.84	5902.08	501.12	6013.44
98	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors	No	12.00	6912.00	82944.00	6912.00	82944.00	7326.72	87920.64	7464.96	89579.52
99	Supplying and fixing single phase preventer using necessary wires over an existing panel	No	12.00	805.00	9660.00	805.00	9660.00	853.30	10239.60	869.40	10432.80
100	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade	Mtrs	240.00	59.00	14160.00	59.00	14160.00	62.54	15009.60	63.72	15292.80
101	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase	No	48.00	432.00	20736.00	432.00	20736.00	457.92	21980.16	466.56	22394.88
102	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments	No	12.00	2999.70	35996.40	2999.70	35996.40	3179.68	38156.16	3239.68	38876.16
103	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund	Mtrs	96.00	102.00	9792.00	102.00	9792.00	108.12	10379.52	110.16	10575.36
104	Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated	Mtrs	120.00	150.00	18000.00	150.00	18000.00	159.00	19080.00	162.00	19440.00

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				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
117	Providing and fixing Brass full way valve gate with C.I. wheel of approved quality (screwed end)	Each	12.00	1529.00	18348.00	1529.00	18348.00	1620.74	19448.88	1651.32	19815.84
118	Providing and fixing brass stop cock of approved quality :	Each	132.60	358.60	47550.36	358.60	47550.36	380.12	50403.91	387.29	51354.65
119	Providing and laying in position plain cement concrete for levelling course for all works in	Cum	89.51	6518.60	583479.89	6518.60	583479.89	6909.72	618489.04	7040.09	630158.46
120	BESCOM deposit Charges and miscellaneous	No	12.00	12000.00	144000.00	12000.00	144000.00	12720.00	152640.00	12960.00	155520.00
121	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size	Cum	13.12	7088.05	92995.22	**6761.74**	88714.03	7513.33	98574.89	7655.09	100434.78
122	Providing and laying in position Reinforced cement concrete M20 Design Mix Using 20 mm	Cum	3.24	7829.91	25368.91	**7480.22**	24235.91	8299.70	26891.03	8456.30	27398.41
123	Providing and laying in position Reinforced cement concrete M20 Design Mix Using 20 mm	Cum	14.42	8541.72	123171.60	**8160.24**	117670.66	9054.22	130561.85	9225.06	133025.37
124	Supplying, Fitting and Placing TMT Fe 500 & above Reinforcement in Foundation /	Cum	3.85	103724.50	399339.33	**92472.60**	356019.51	109947.97	423299.68	112022.46	431286.47
125	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1	Cum	31.21	5964.20	186142.68	**5887.20**	183739.51	6322.05	197311.18	6441.34	201034.22
126	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm	Sqm	192.75	1322.20	254854.05	1315.60	253581.90	1401.53	270144.91	1427.98	275243.15
127	Providing 20 mm cement plaster of mix 1:4 (1 cement: 4 fine sand) to brick/stone masonary	Sqm	474.81	337.70	160343.34	328.90	156165.01	357.96	169962.99	364.72	173172.70
128	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick	Sqm	38.28	239.80	9179.54	**234.30**	8969.00	254.19	9730.39	258.98	9913.75

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				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
129	Finishing walls with Acrylic Smooth exterior paint of required shade :New work (Two coat	Sqm	513.09	149.60	76758.26	149.60	76758.26	158.58	81365.81	161.57	82899.95
130	Providing and laying water proofing treatment to the Roof with PU based single component	Sqm	42.78	819.50	35058.21	819.50	35058.21	868.67	37161.70	885.06	37862.87
131	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the	Sqm	128.31	1125.30	144387.24	**1113.20**	142834.69	1192.82	153050.73	1215.32	155937.71
132	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths,	Sqm	19.50	2761.00	53839.50	2761.00	53839.50	2926.66	57069.87	2981.88	58146.66
133	Earth work in surface excavation by mechanical means for lowering & leveling the ground for	Cum	4839.58	161.10	779656.34	161.10	779656.34	170.77	826455.08	173.99	842038.52
134	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical	Cum	2903.75	2581.70	7496611.38	2581.70	7496611.38	2736.60	7946402.25	2788.24	8096351.90
135	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam	Cum	3387.71	2633.40	8921195.51	2633.40	8921195.51	2791.40	9456453.69	2844.07	9634884.38
136	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of	Sqm	19358.32	46.20	894354.38	46.20	894354.38	48.97	947976.93	49.90	965980.17
137	Bituminous Macadam Grading - II for traffic <20 MSA Providing and laying Bituminous Macadam with	Cum	967.92	8104.80	7844798.02	8104.80	7844798.02	8591.09	8315487.83	8753.18	8472377.99
138	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure	Sqm	64527.75	13.20	851766.30	13.20	851766.30	13.99	902743.22	14.26	920165.72

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				Estimate Rate	Total Amount in Rs	Estimate Rate	Total Amount in Rs	Rate	Total Amount in Rs	Rate	Total Amount in Rs
139	Bituminous Concrete Grading II for traffic <20 MSA Providing and laying Bituminous Concrete with	Sqm	2581.11	11672.10	30126974.03	11672.10	30126974.03	12372.43	31934602.80	12605.87	32537137.12
140	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on	Sqm	2320.90	525.80	1220329.22	525.80	1220329.22	557.35	1293553.62	567.86	1317946.27
	Total Summary Amount				**124570568.21**		**120968202.85**		**132044637.84**		**134536456.67**
	% when compared to PWD SR 2021-22 (Sanctioned Estimate Rates)							**6.00**		**8.00**	
	% when compared to PWD SR 2021-22 and Issue rates dated 07.07.2022							**9.16**		**11.22**	
	Remarks							**L1**		**L2**	

Executive Engineer
Rajarajeshwari nagar Division
BBMP